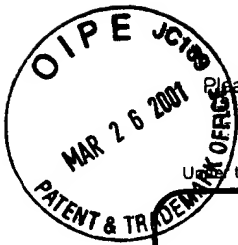


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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/230,069
Filing Date	04/25/00
First Named Inventor	Mordechai Segal
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	TI-30340 (00299.004US2)

I hereby appoint:

- ☒ Practitioners at Customer Number ☐ 23494  
OR  
☐ Practitioner(s) named below:



Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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- ☐ Applicant/Inventor.

- ☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name	Texas Instruments Incorporated Wade James Brady III, Deputy General Patent Counsel & Vice President
Signature	<i>Wade James Brady III</i>
Date	3/22/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

- ☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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## REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/230,069
Filing Date	04/25/00
First Named Inventor	Mordechai Segal
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	T1-30340 (00299.004US2)

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

☐ Customer Number

OR

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

### SIGNATURE of Applicant or Assignee of Record

Name: Texas Instruments Incorporated  
Wade James Brady III, Deputy General Patent Counsel & Vice President

Signature

*Wade James Brady III*

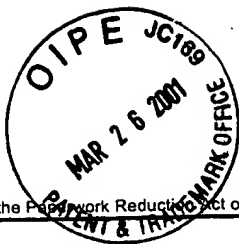
Date

3/27/01

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☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Mordechai Segal et al  
Application No./Patent No. 09/230,069 Filed/Issue Date: 01/19/99  
Entitled: Blind DFE and Phase Correction  
Texas Instruments Incorporated, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR  
Assignment Transmittal sent for recording herewith;  
copy of Assignment attached

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/22/01  
Date

Wade James Brady III

Typed or printed name

Wade James Brady III  
Signature  
Deputy General Patent Counsel and  
Vice President

Title

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, **LIBIT SIGNAL PROCESSING LTD.**, now renamed as **TEXAS INSTRUMENTS (ISRAEL) CABLE BROADBAND COMMUNICATIONS LTD.**, P.O. Box 12670, Herzelia 46766, Israel (hereinafter "ASSIGNOR"), hereby sells, transfers and assigns to **TEXAS INSTRUMENTS INCORPORATED**, a corporation organized and existing under the laws of the State of Delaware, having an office located at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, and its successors and assigns (hereafter "ASSIGNEE"), the entire right, title and interest of ASSIGNOR in and to the invention described in:

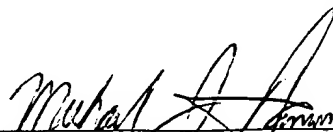
**U.S. Patent Application Serial No. 09/230,069, filed April 25, 2000, entitled  
"Blind DFE and Phase Correction",**

and in and to said application, patent and any and all other patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, reexaminations, renewals, substitutions, and extensions thereof, and in and to any and all existing or hereafter accruing causes of action against third parties resulting from infringement of the same, and in and to the right to recover damages (including increased damages and attorney's fees) from third parties for any said infringement. ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue all patents for said invention to said TEXAS INSTRUMENTS INCORPORATED, as ASSIGNEE of ASSIGNOR'S entire right, title and interest.

ASSIGNOR also hereby sells, transfers and assigns to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, any and all corresponding right, title and interest of ASSIGNOR in and to said invention, applications and patents in all countries other than the United States, including but not limited to any and all applications and patents corresponding thereto or derived therefrom in all countries of the world, including the right to claim priority therefrom, and to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits and any other papers in connection therewith necessary to perfect such patent rights.

ASSIGNOR hereby covenants that ASSIGNOR has the right to make this assignment and that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this agreement.

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By: Michael J. Hames, Chairman (Officer)  
Dated: March 6, 2001